

Converting Colors

CIELCh(73, 8.323, 171.659)

Have a look what the booklet for
CIELCh(73, 8.323, 171.659) contains.

CIELCh(73, 8.331, 171.654)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 8.331, 171.654)

Conversions

Conversions Part 1

Format	Color
Hex	A4B8B1
RGB	164, 184, 177
RGB Percent	64%, 72%, 69%
CMY	0.3581, 0.2797, 0.3072
CMYK	0.11, 0.00, 0.04, 0.28
HSL	159°, 12%, 68%
HSV	159°, 11%, 72%
XYZ	40.2193, 45.1644, 48.0229
YIQ	177.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

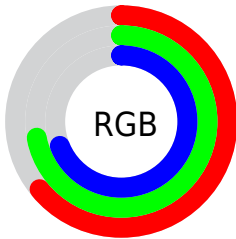
Format	Color
RYB	164, 176, 184
Decimal	10795185
CIELab	73.00, -8.24, 1.21
CIElCh	73, 8.331, 171.654
Yxy	45.1644, 0.3015, 0.3385
Android (android.graphics.Color)	4288985265 (0xFFA4B8B1)
YUV	177.2220, -0.1094, -11.5957
Hunter-Lab	67.2044, -10.7823, 4.6757

Details

The CIELCh color $73, 8.331, 171.654$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $69, 8.551, 353.552$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 8.244, 172.950$, and $53, 8.512, 170.147$ is the 20% darker color. If you saturate the color by 10%, you get $72, 15.868, 170.639$, and if you desaturate by 10%, it is $75, 0.676, 173.145$.

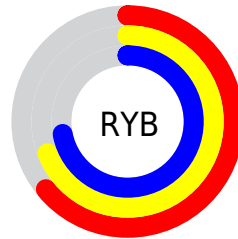
Distribution



Red (64%)

Green (72%)

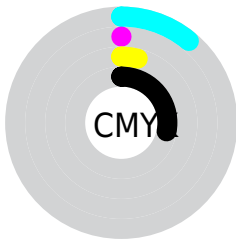
Blue (69%)



Red (64%)

Yellow (69%)

Blue (72%)

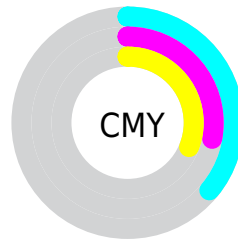


Cyan (11%)

Magenta (0%)

Yellow (4%)

Black (28%)



Cyan (36%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 8.331, 171.654 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 73, 8.331, 171.654 by changing the saturation by 10% instead.

■ 73, 8.331, 171.654

■ 73, 8.331, 171.654

■ 100, 8.331,
171.654

■ 63, 8.331, 171.654

■ 93, 8.331, 171.654

■ 53, 8.331, 171.654

■ 43, 8.331, 171.654

■ 33, 8.331, 171.654

■ 23, 8.331, 171.654

■ 13, 8.331, 171.654

■ 3, 8.331, 171.654

■ 0, 8.331, 171.654

■ 73, 8.331, 171.654

■ 73, 8.331, 171.654

72, 15.868,
170.639

75, 0.676, 173.145

70, 23.176,
169.558

76, 7.012, 353.293

69, 30.136,
168.373

78, 14.663,
354.121

68, 36.622,
167.061

80, 22.222,
354.883

68, 42.513,
165.597

82, 29.479,
355.410

67, 47.711,
163.957

82, 30.872,
349.623

67, 52.157,
162.120

82, 32.574,
344.421

66, 55.855,
160.079

82, 34.538,
339.809

66, 58.736,

83, 36.718,
335.756

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 8.331, 171.654



69, 8.551, 353.552

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 8.331, 171.654



73, 8.331, 221.654



73, 8.331, 351.654



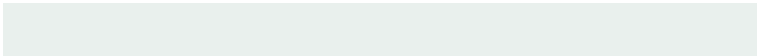
73, 8.331, 41.654

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73, 8.333, 171.648



94, 2.855, 172.499



73, 11.870, 133.141



50, 2.164, 172.389



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 8.333, 171.648



92, 12.337, 171.416



72, 6.401, 212.114



38, 4.338, 171.802



57, 51.670, 158.429



8, 12.978, 165.218

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69, 8.551, 353.552



86, 12.729, 353.797



70, 6.865, 32.118



36, 4.436, 353.390



32, 59.222, 15.660



2, 11.401, 359.083

Previews

White Background



This preview shows how the CIELCh color 73, 8.331, 171.654 looks on a white background.

Color Contrast Check

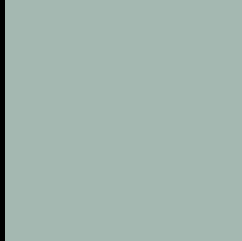
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 8.331, 171.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

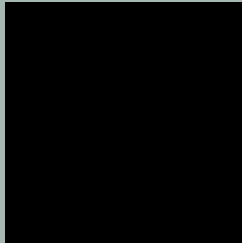
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

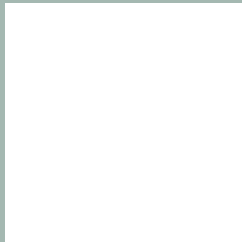
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 8.331, 171.654

Background



This preview shows how black text looks on a background with the CIELCh color 73, 8.331, 171.654.



This preview shows how white text looks on a background with the CIELCh color 73, 8.331, 171.654.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

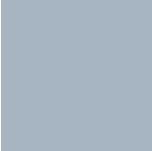
Dichromacy



Original Color
73, 8.331, 171.654

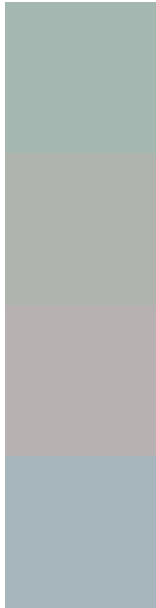
Protanopia
73, 2.859, 68.492

Deuteranopia
73, 9.316, 359.809



Tritanopia
73, 8.966, 257.395

Trichromacy



Original Color
73, 8.331, 171.654

Protanomaly
73, 3.106, 138.753

Deuteranomaly
73, 2.693, 7.842

Tritanomaly
73, 6.540, 229.019

Monochromacy



Original Color
73, 8.331, 171.654

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.829, 176.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 8.331, 171.654 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(164, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(164, 184, 177)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(164, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 184, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 8.331, 171.654 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 184, 177) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(164, 184, 177) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(164, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(164, 184,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 8.331, 171.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 184, 177) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(164,  
184, 177) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor